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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/592,919
				Filing Date	7/31/2007
				First Named Inventor	Michael T. Migawa
				Art Unit	1635
				Examiner Name	Amy Hudson Bowman
				Attorney Docket Number	CORE0037USA
Sheet	1	of	4		

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (<i>if known</i>)			
/AB/	1	US 5,013,830	05/07/91	Ohtsuka et al.	
/AB/	2	US 5,149,797	09/22/92	Pederson et al.	
/AB/	3	US 5,220,007	06/15/93	Pederson et al.	
/AB/	4	US 5,256,775	10/26/93	Froehler	
/AB/	5	US 5,366,878	11/22/94	Pederson et al.	
/AB/	6	US 5,403,711	04/04/95	Walder et al.	
/AB/	7	US 5,491,133	02/13/96	Walder et al.	
/AB/	8	US 5,565,350	10/15/96	Kmiec	
/AB/	9	US 5,623,065	04/22/97	Cook et al.	
/AB/	10	US 5,652,355	07/29/97	Metelev et al.	
/AB/	11	US 5,652,356	07/29/97	Agrawal	
/AB/	12	US 5,700,922	12/23/97	Cook	
/AB/	13	US 2002/0160379	10/31/02	Cook et al.	
/AB/	14	US 2003/0096770	05/22/03	Krotz et al.	
/AB/	15	US 2003/0171211	09/11/03	Holtcamp et al.	

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	16	CORNELL et al., "A Second Generation Force Field for the Simulation of Proteins, Nucleic Acids, and Organic Molecules" J. Am. Chem. Soc. (1995) 117:5179-5197.	
	17	DENISOV et al., "Solution structure of an arabinonucleic acid (ANA)/RNA duplex in a chimeric hairpin: comparison with 2'-fluoro-ANA/RNA and DNA/RNA hybrids" Nucleic Acids Res. (2001) 29:4284-4293.	
	18	DETMER et al., "Substrates for Investigation of DNA Polymerase Function: Synthesis and Properties of 4'-C-Alkylated Oligonucleotides" Eur. J. Org. Chem. (2003) 10:1837-1846.	
	19	FRASER et al., "Synthesis and Conformational Properties of 2'-Deoxy-2'-methylthio-pyrimidine and -purine Nucleosides: Potential Antisense Applications" J. Heterocycl Chem. (1993) 30:1277-1287.	
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	27	KUMAR et al., "The First Analogues of LNA (Locked Nucleic Acids): Phosphorothioate-LNA and 2'-Thio-LNA" Bioorg. Med. Chem. Lett. (1998) 8:2219-2222.	
	28	LIMA et al., "Binding Affinity and Specificity of Escherichia coli RNase H1: Impact on the Kinetics of Catalysis of Antisense Oligonucleotide-RNA Hybrids" Biochemistry (1997) 36:390-398.	

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NON PATENT LITERATURE DOCUMENTS			
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	29	LIMA et al., "Human Rnase HI Uses One Tyrtrophan and Two Lysines to Position the Enzyme at the 3'-DNA/5'-RNA Terminus of the Heteroduplex Substrate" J. Biol. Chem. (2003) 278(50):49860-49867.	
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	41	WU et al., "Investigating the Structure of Human RNase HI by Site-directed Mutagenesis" J. Biol. Chem. (2001) 276(26):23547-23553.	

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International Search Report for application PCT/US05/08428 dated 2/16/2006 (Atty. Docket No. CORE0037WO).

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